

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~, except where strike-through cannot be easily perceived, in which case the text of any deleted subject matter is shown by being placed within double brackets, as provided in 37 C.F.R. § 1.121(c)(2). The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1. (Currently amended) A system for printing an electronic document described in a markup language, comprising:

~~analysis defining information storing~~ means for ~~storing~~ determining analysis defining information ~~for analysis which is determined~~ based on a description rule and based on a template used for describing the electronic document in the markup language;

~~cover file generating~~ means for extracting cover information displayed on a cover of the electronic document based on tag information on a tag and based on a directive described in ~~the~~ a document file ~~and~~;

means for generating a cover file of the electronic document;

~~file analyzing and converting~~ means for analyzing ~~the~~ a description of the document file based on the analysis defining information,

means for deleting information unnecessary for printing of the document from the document file ~~[[,]]~~;

means for analyzing a document structure of the electronic document,

means for dividing the document file into item units ~~and~~;

means for generating the document structure in accordance with the analyzed document structure, ~~and~~

means for generating a converted file; and

~~printing processing~~ means for printing a document with the cover based on the cover file and the converted file in accordance with a request for printing the electronic document.

2. (currently amended) A system according to Claim 1, further comprising

~~file obtaining~~ means for obtaining ~~[[a]]~~ the document file ~~[[s]]~~ in the markup language and generating ~~one~~ the electronic document.

3. (currently amended) A system according to Claim 1, wherein the ~~cover file generating means~~means for extracting cover information extracts a name and identification information of the electronic document as the cover information.

4. (currently amended) A system according to Claim 1, wherein the ~~cover file generating means~~means for extracting cover information extracts information for a copyright notice as the cover information.

5. (currently amended) A system according to Claim 1, wherein the means for printing ~~processing means~~a document receives a request-with-cover~~indicating~~ to print the electronic document with the cover and prints the document with a front cover based on the cover file and the converted file when receiving the request-with-cover.

6. (currently amended) A system according to Claim 1, wherein the means for printing ~~processing means~~a document receives a request-without-cover~~indicating~~ to print the electronic document without the cover, prints the document based on the converted file by adding the cover information to a header part, a footer part, or both the header and the footer part when receiving the request-without-cover.

7. (currently amended) A system according to Claim 1, wherein the ~~file~~means for analyzing and converting meansthe description of the document file generates contents structure information for generating a table of contents of the electronic document and information having a corresponding relationship between items of the table of contents and the converted file based on the analyzed document structure, and

the means for printing ~~processing means~~a document displays the table of contents in which the display or not-display of classes in the document structure is dynamically controlled, based on the content structure information and the corresponding information, receives the item selected for printing from the table of contents, and prints the document including the selected item with the cover on the basis of the converted file corresponding to the selected item in accordance with a request of the electronic document.

8. (currently amended) A computer program for printing processing which causes a computer to execute processing for printing an electronic document described in a markup

language, the computer program comprising ~~for~~:

~~processing for accessing analysis defining information storing means which stores analysis defining information for analysis determined~~determining analysis defining information
based on a description rule and based on a template used for describing ~~the an~~ electronic document ~~by the in~~ a markup language;

accessing the analysis defining information for analysis;

~~cover file generating processing for extracting cover information displayed on a cover of the electronic document based on tag information on a tag and~~ based on a directive described ~~te in~~ the document file ~~and for~~;

generating a cover file of the electronic document;

~~file analyzing and converting processing for analyzing the description of the document file based on the analysis defining information, for~~

deleting information unnecessary for printing of the document from the document file, ~~for~~ analyzing a document structure of the electronic document, ~~for document,~~

dividing the document file into ~~on~~-item units,

generating the document structure in accordance with the analyzed document structure, ~~and for~~

generating a converted file; and

~~printing processing for printing a document with the cover based on the cover file and the converted file in accordance with a request for printing the electronic document.~~

9. (currently amended) A computer program according to Claim 8, further comprising:

~~file obtaining processing for obtaining a document file in the markup language and~~ generating ~~one an~~ electronic document.

10. (currently amended) A computer program according to Claim 8, wherein the cover file generating~~processing~~ comprises~~processing for~~ extracting a name and identification information of the electronic document as the cover information.

11. (currently amended) A computer program according to Claim 8, wherein the cover file generating~~processing~~ comprises~~processing for~~ extracting information on a copyright notice as the cover information.

12. (currently amended) A computer program according to Claim 8, wherein the printing~~processing~~ comprises~~processing for~~ receiving a request-with-cover~~indicating~~ to print the electronic document with the ~~cover and for~~cover; and

printing the document with the cover based on the cover file and the converted file when receiving the request-with-cover.

13. (currently amended) A computer program according to Claim 8, wherein the printing~~processing~~ comprises~~processing for~~ receiving a request-without-cover~~indicating~~ to print the electronic document without the ~~cover and for~~cover; and

printing the document based on the converted file by adding the cover information to a header part, a footer part, or both the header and the footer parts when receiving the request-without-cover.

14. (currently amended) A computer program according to Claim 8, wherein the file analyzing and converting ~~processing comprises processing for~~comprises:

generating contents structure information for generating a table of contents of the electronic document and information having a corresponding relationship between items of the table of contents and the converted file based on the analyzed document structure, and

~~the printing processing comprises processing for~~ displaying the table of contents in which the display or not-display of classes in the document structure is dynamically controlled, based on the content structure information and based on the corresponding information, ~~for~~

receiving the item selected for printing from the table of contents, and ~~for~~

printing the document including the selected item with the cover on the basis of the converted file corresponding to the selected item from the content, in accordance with a request ~~of~~for the electronic document.

15. (currently amended) A computer readable medium recoding a computer program for printing processing which causes a computer to execute processing for printing an electronic document described in a markup language, ~~wherein the program comprising for~~:

~~file obtaining processing for~~ obtaining a document file in the markup language forming one electronic document;

~~processing for accessing analysis defining information storing means which stores analysis defining information for analysis determined~~determining analysis defining information based on a description rule and based on a template used for describing ~~the~~an electronic

document by ~~the~~ a markup language;

accessing the analysis defining information for analysis;

~~cover file generating processing for extracting cover information displayed on the~~
electronic document based on tag information described in the document file and based on a tag
element and for generating a cover file of the electronic document;

~~file analyzing and converting processing for analyzing the description of the document file~~
based on the analysis defining ~~information, for~~ information,

~~deleting information unnecessary for printing of the document from the document file,~~

~~file, for analyzing a document structure of the electronic document, for~~ document,

~~dividing the document file on~~ into item units;

~~basis~~generating the document structure in accordance with the analyzed document
structure, ~~and for~~ and

generating a converted file; and

~~printing processing for printing a document with the cover based on the cover file and the~~
converted file in accordance with a request for printing the electronic document.

16. (currently amended) A method for printing an electronic document described in a
markup language, comprising the steps of:

obtaining a document file in a markup language forming one electronic document;

~~accessing analysis defining information storing means which stores analysis defining~~
~~information as~~ defining information for analysis ~~defined~~ based on a template and based on a
description rule used for describing the electronic document by the markup language;

accessing the analysis defining information for analysis;

extracting tag information described ~~to~~ in the document file and cover information
displayed on a cover of the electronic document based on a tag ~~element and~~ element;

generating a cover file of the electronic document;

analyzing the description of the document file based on the analysis defining information,

~~deleting information unnecessary for printing of the document from the document file, for~~
file,

analyzing a document structure of the electronic document,

~~dividing the document file on~~ into item units ~~basis;~~

generating the document structure in accordance with the analyzed document ~~structure,~~
and structure,

generating a converted file; and

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printing a document with the cover based on the cover file and the converted file in accordance with a request for printing the electronic document.